

FIG. 1

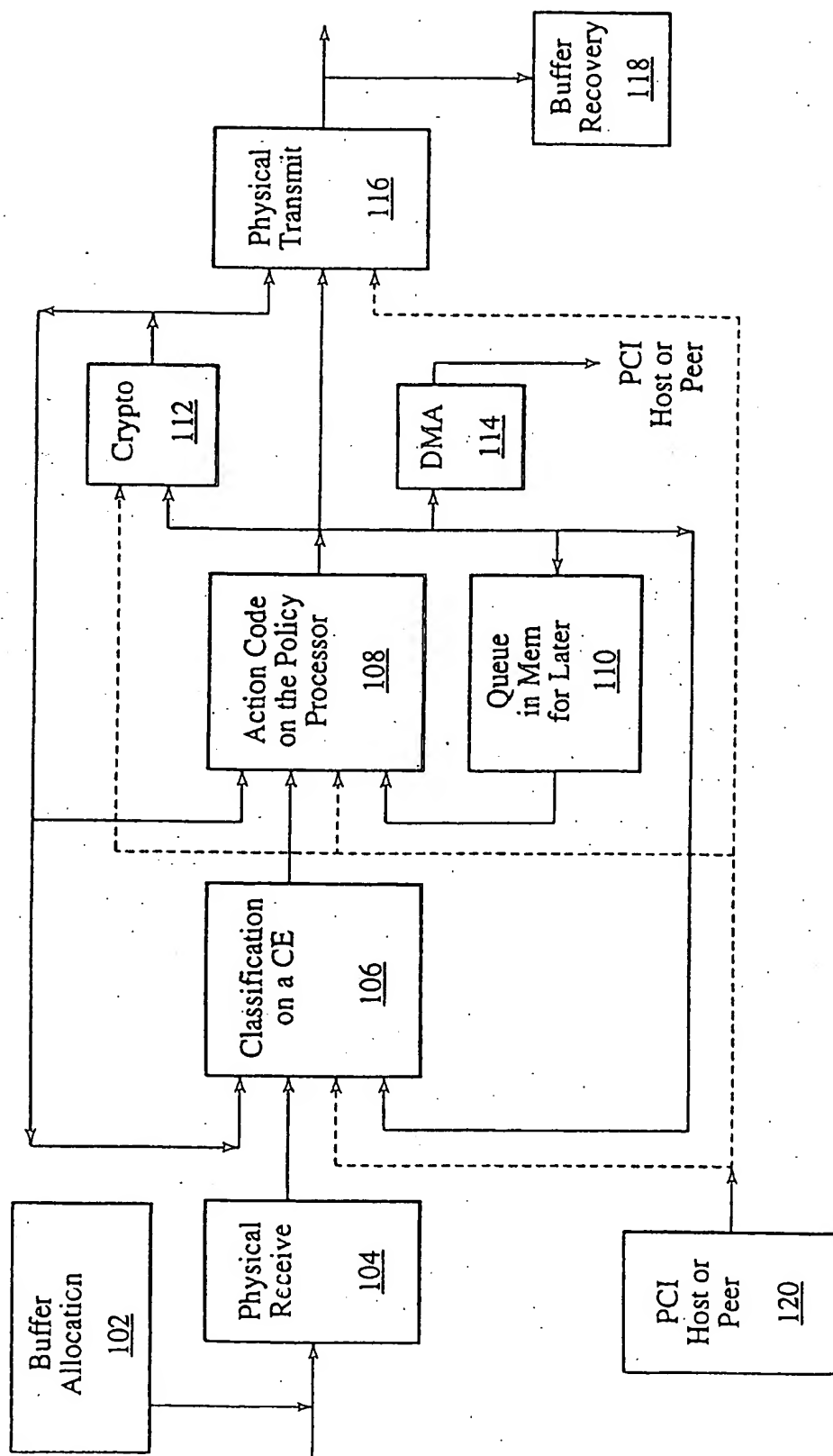
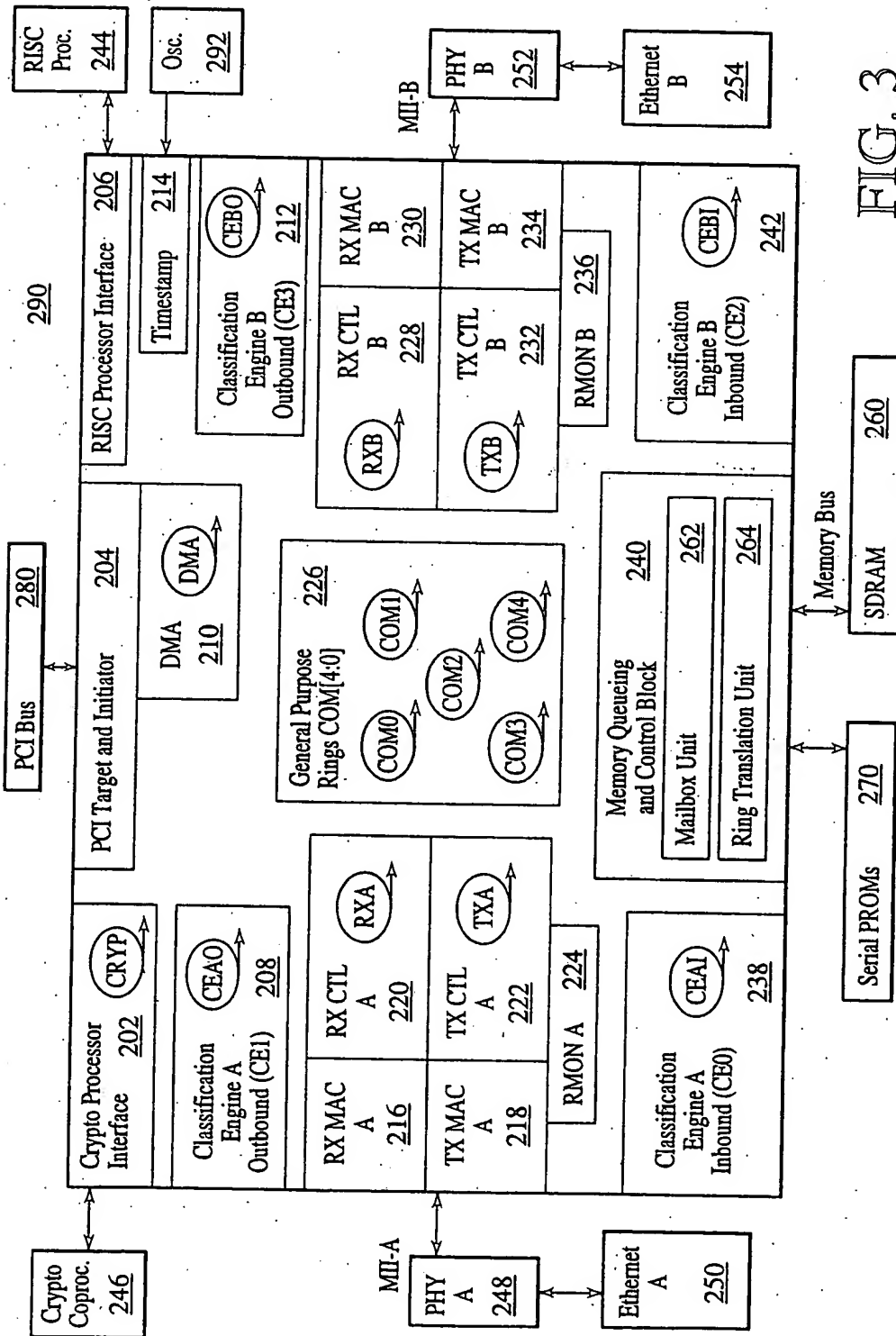


FIG. 2



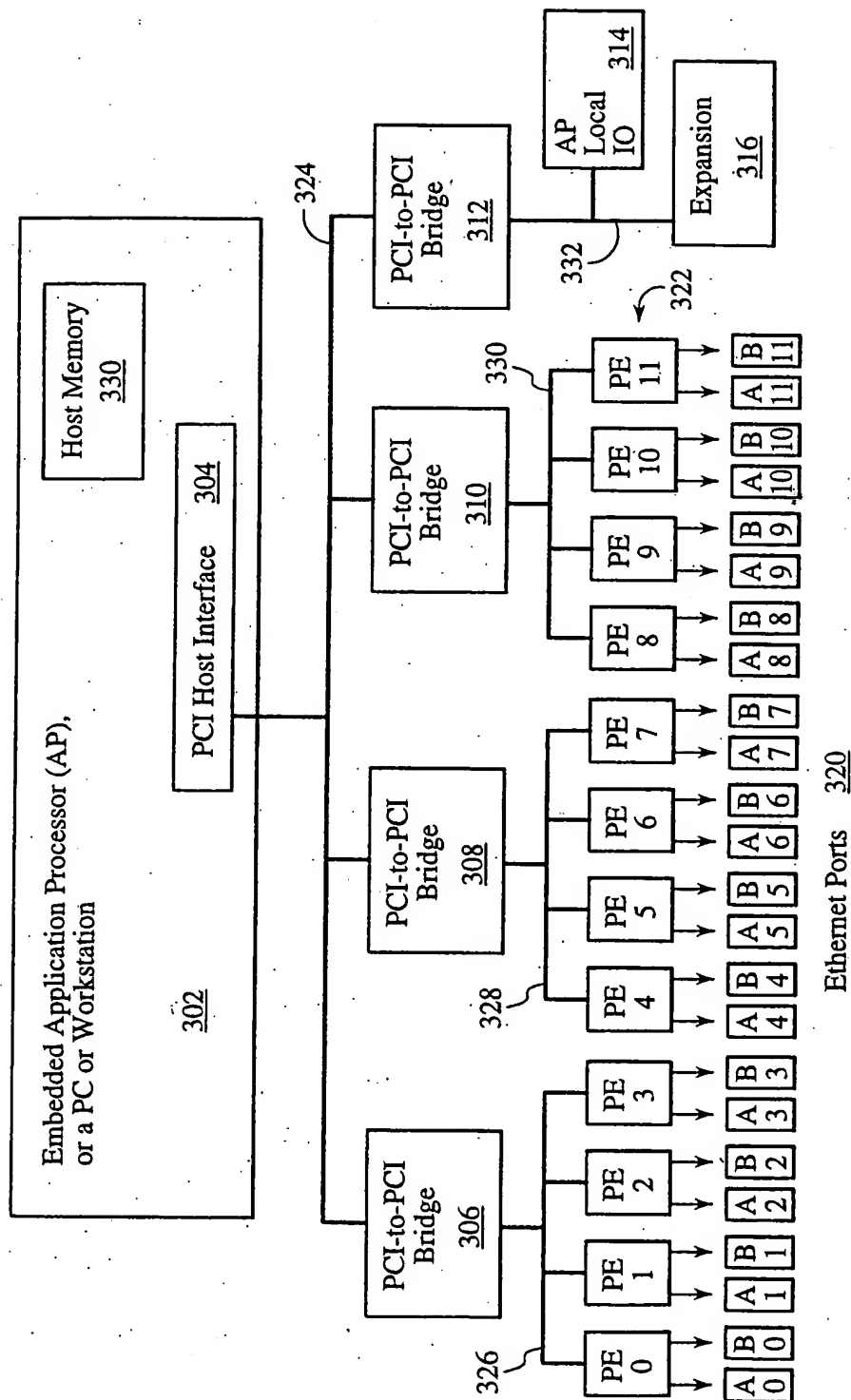


FIG. 4

Ring Base Register 400

+ 0x0000	RX_A Ring	402	
+ 0x1000	RX_B Ring	404	
+ 0x2000	TX_A Ring	406	
+ 0x3000	TX_B Ring	408	
+ 0x4000	Reclassify_A_Inbound Ring	410	
+ 0x5000	Reclassify_A_Outbound Ring	412	
+ 0x6000	Reclassify_B_Inbound Ring	414	
+ 0x7000	Reclassify_B_Outbound Ring	416	
+ 0x8000	DMA Ring	418	
+ 0x9000	Crypto Ring	420	
+ 0xA000	COM0 Ring	422	
+ 0xB000	COM1 Ring	424	
+ 0xC000	COM2 Ring	426	
+ 0xD000	COM3 Ring	428	
+ 0xE000	COM4 Ring	430	

# THRESHOLD REPORTED

- <256 valid between MPROD & MFILL
- <256 valid between MPROD & MFILL
- <256 empty between MTPROD & MTRECOV
- <256 empty between MTPROD & MTRECOV
- <256 empty between RPROD & RPCONS
- <256 empty between RPROD & RPCONS
- <256 empty between RPROD & RPCONS
- <256 empty between RPROD & RPCONS
- <256 empty between DMA\_PROD & DMA\_RECOV
- <256 empty between CRYPT\_PROD & CRYPT\_CONS

The 5 General Purpose Rings have Prog.  
<256-empty/<256-full Threshold as set in  
the RBASE Register.

440

FIG. 5

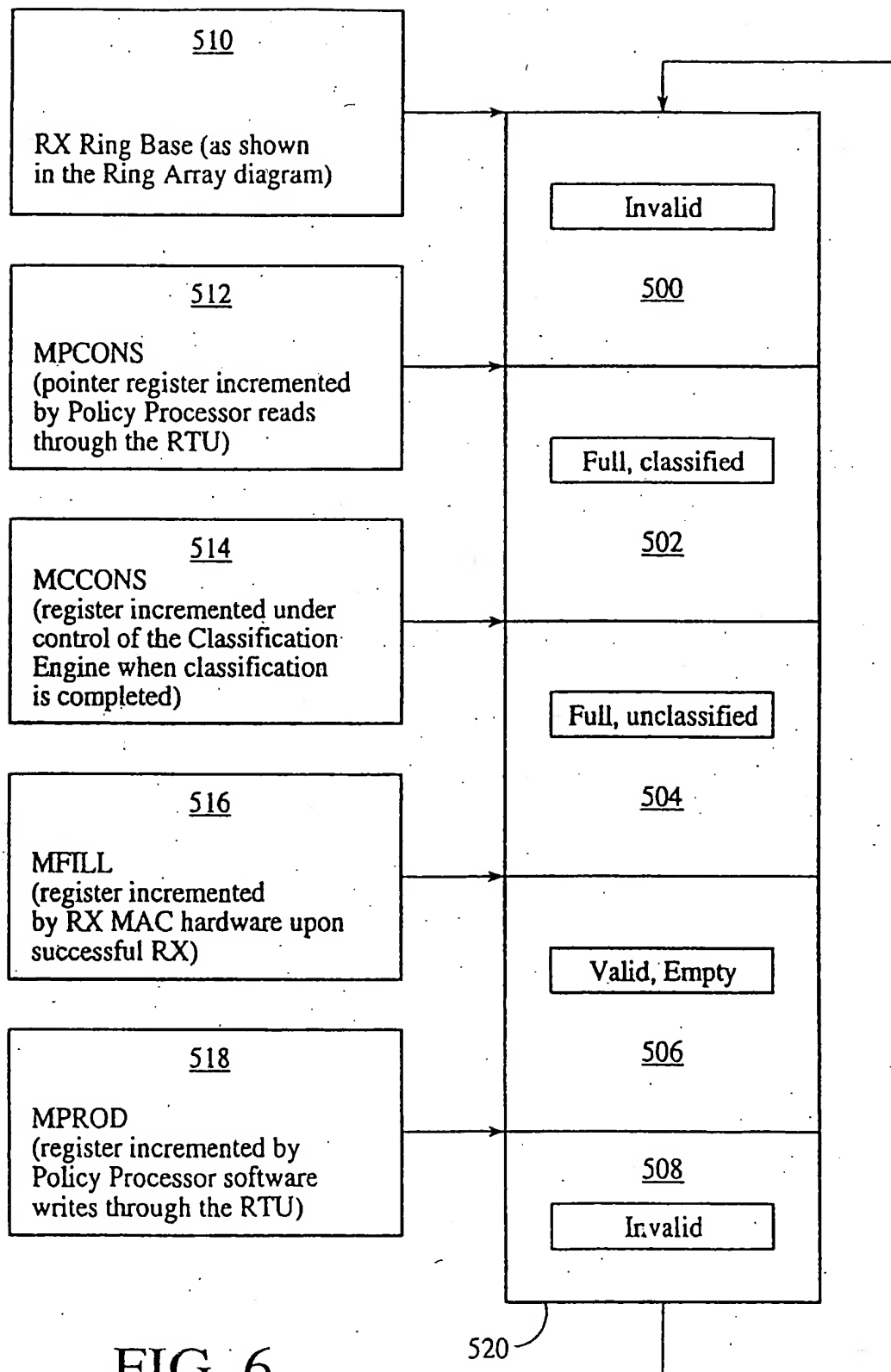


FIG. 6

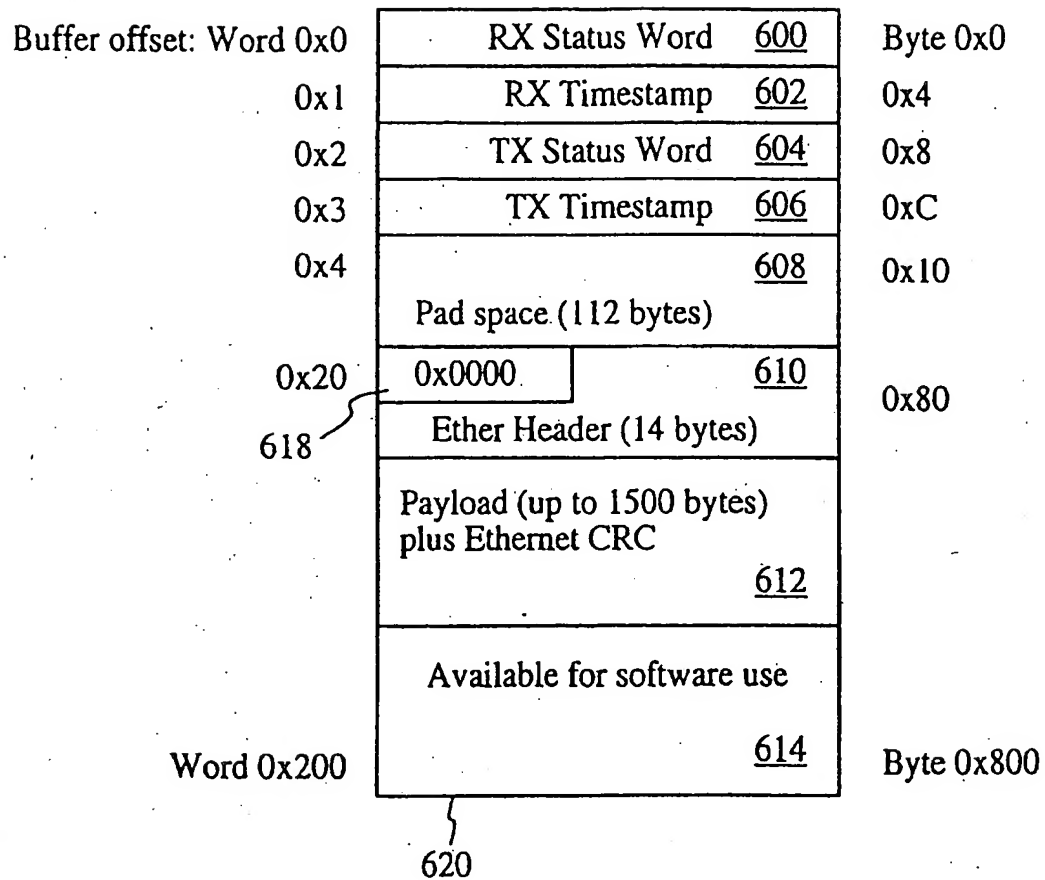


FIG. 7

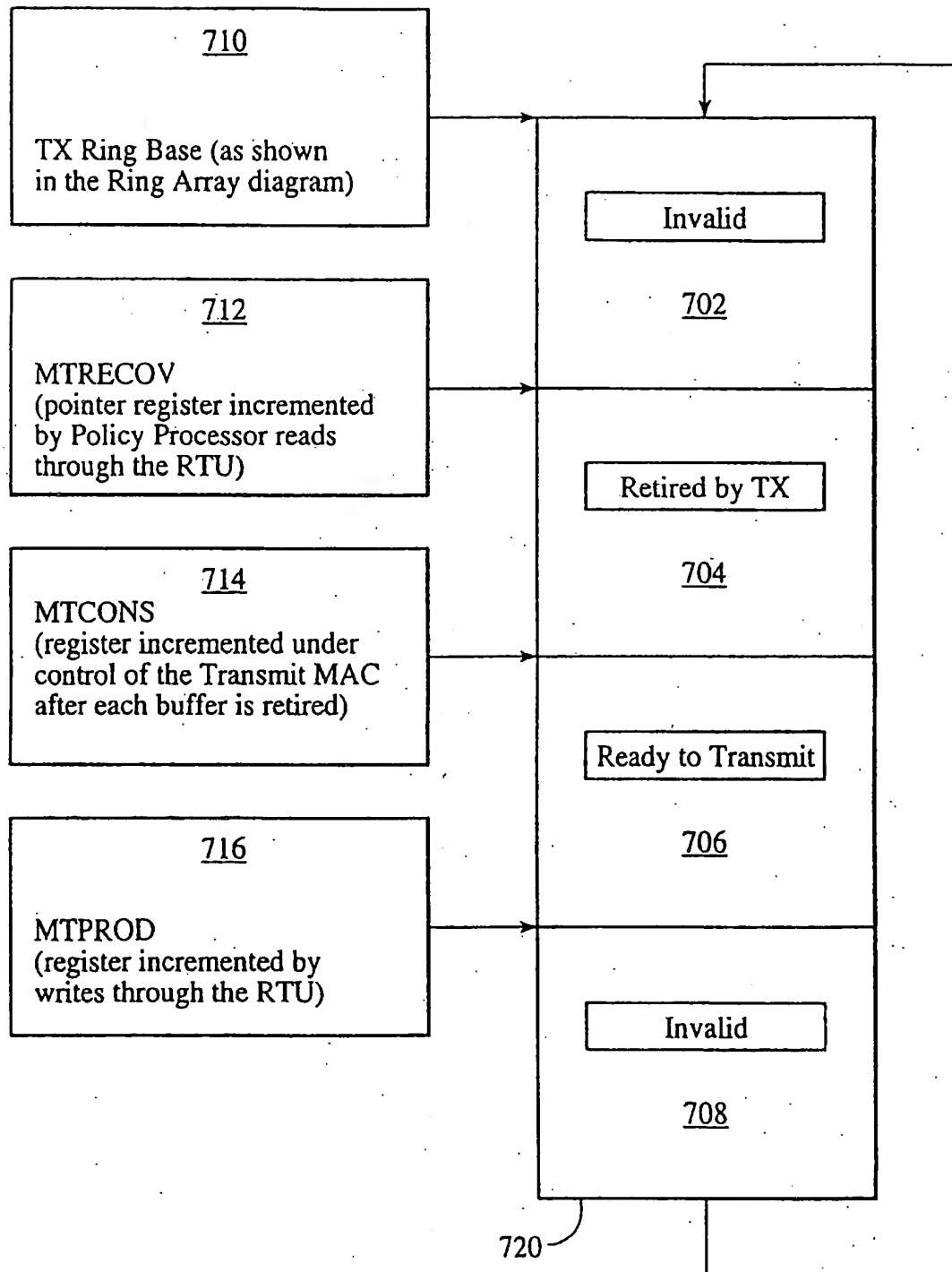


FIG. 8



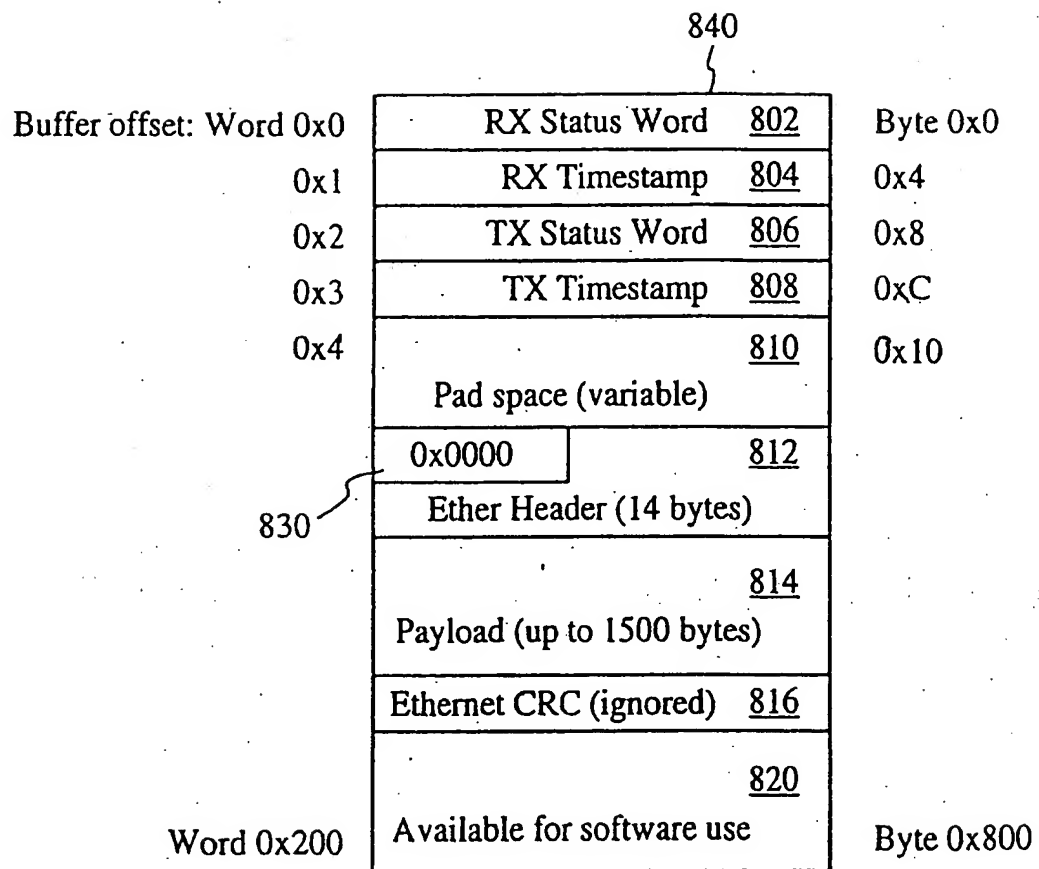


FIG. 9

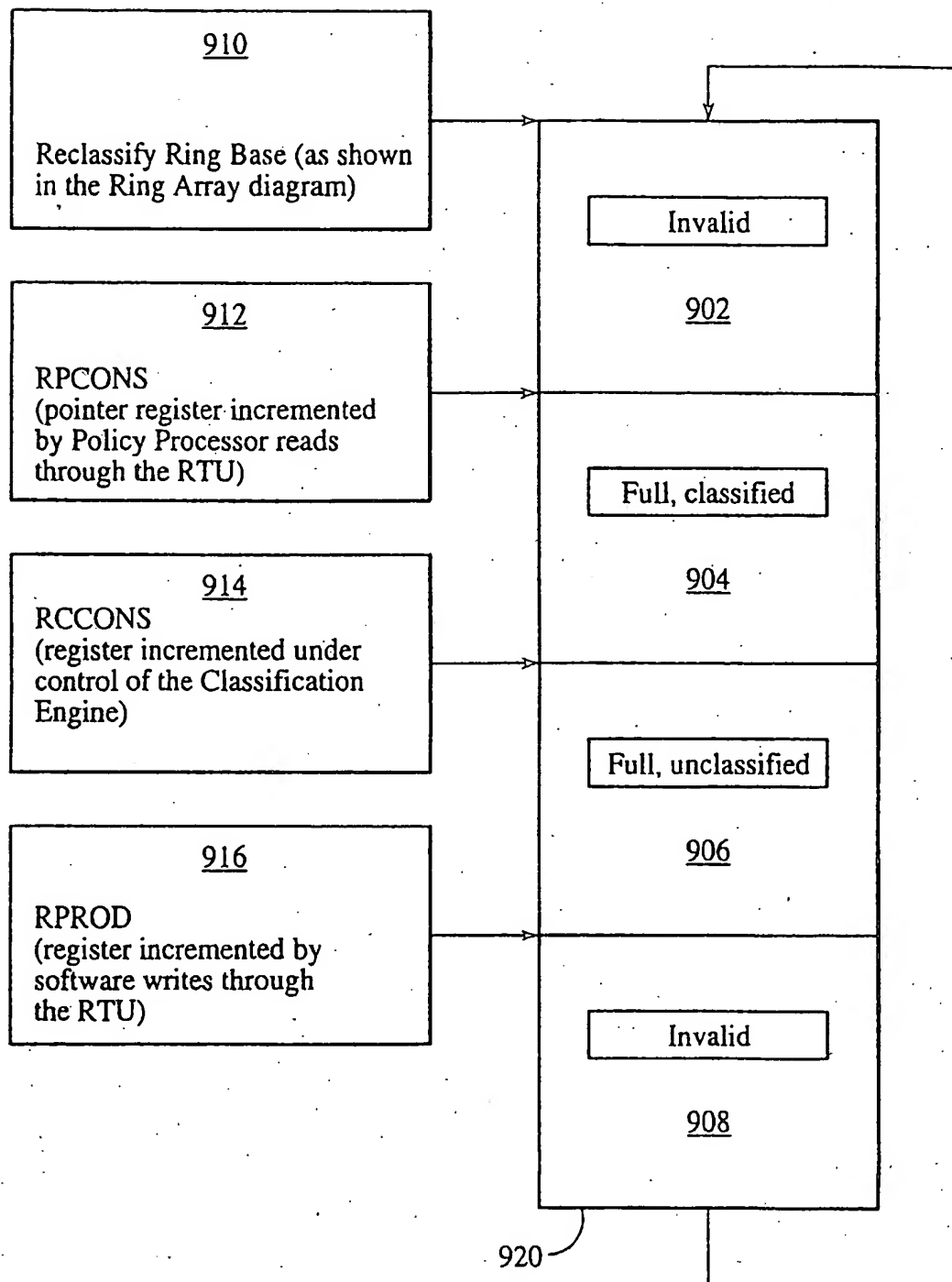


FIG. 10

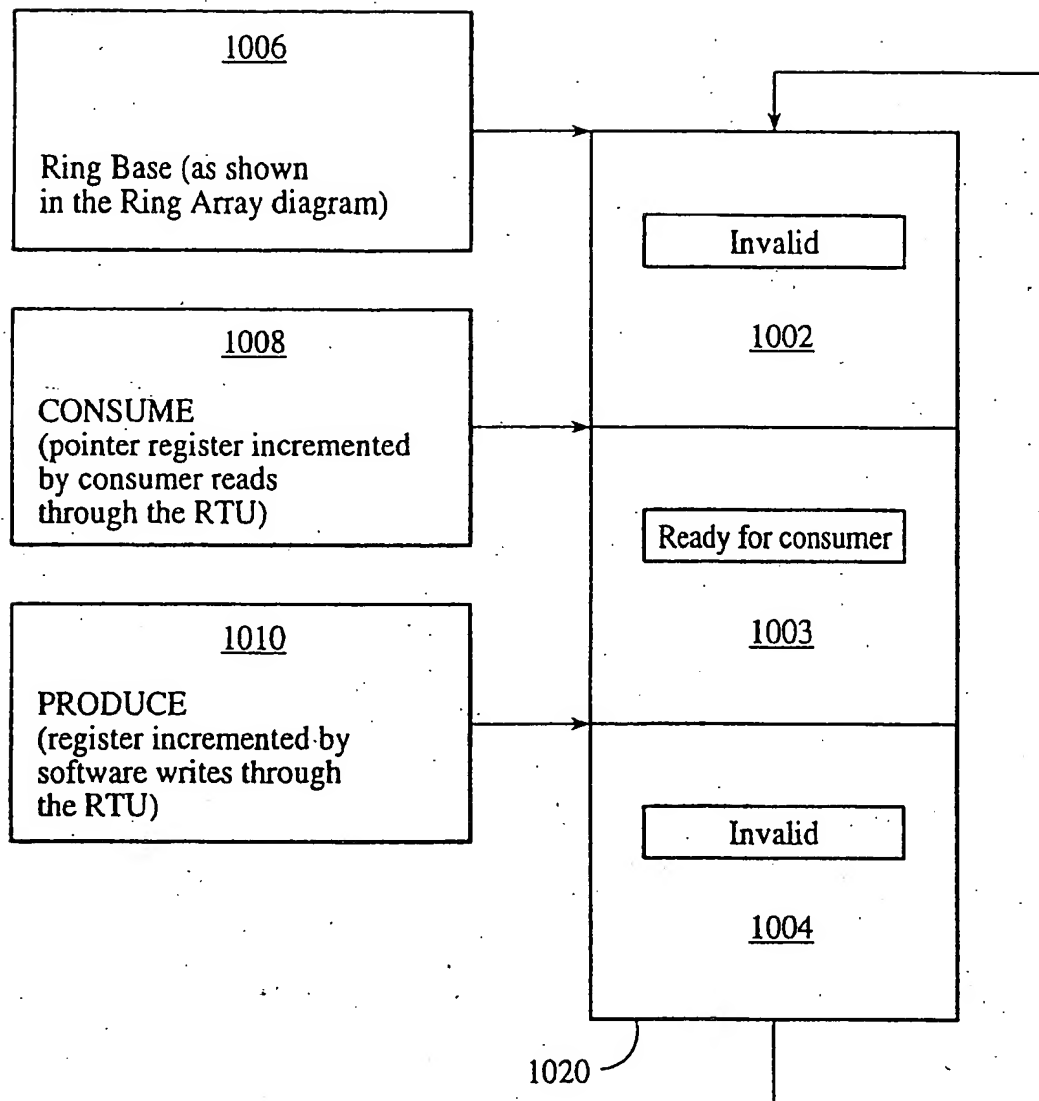


FIG. 11

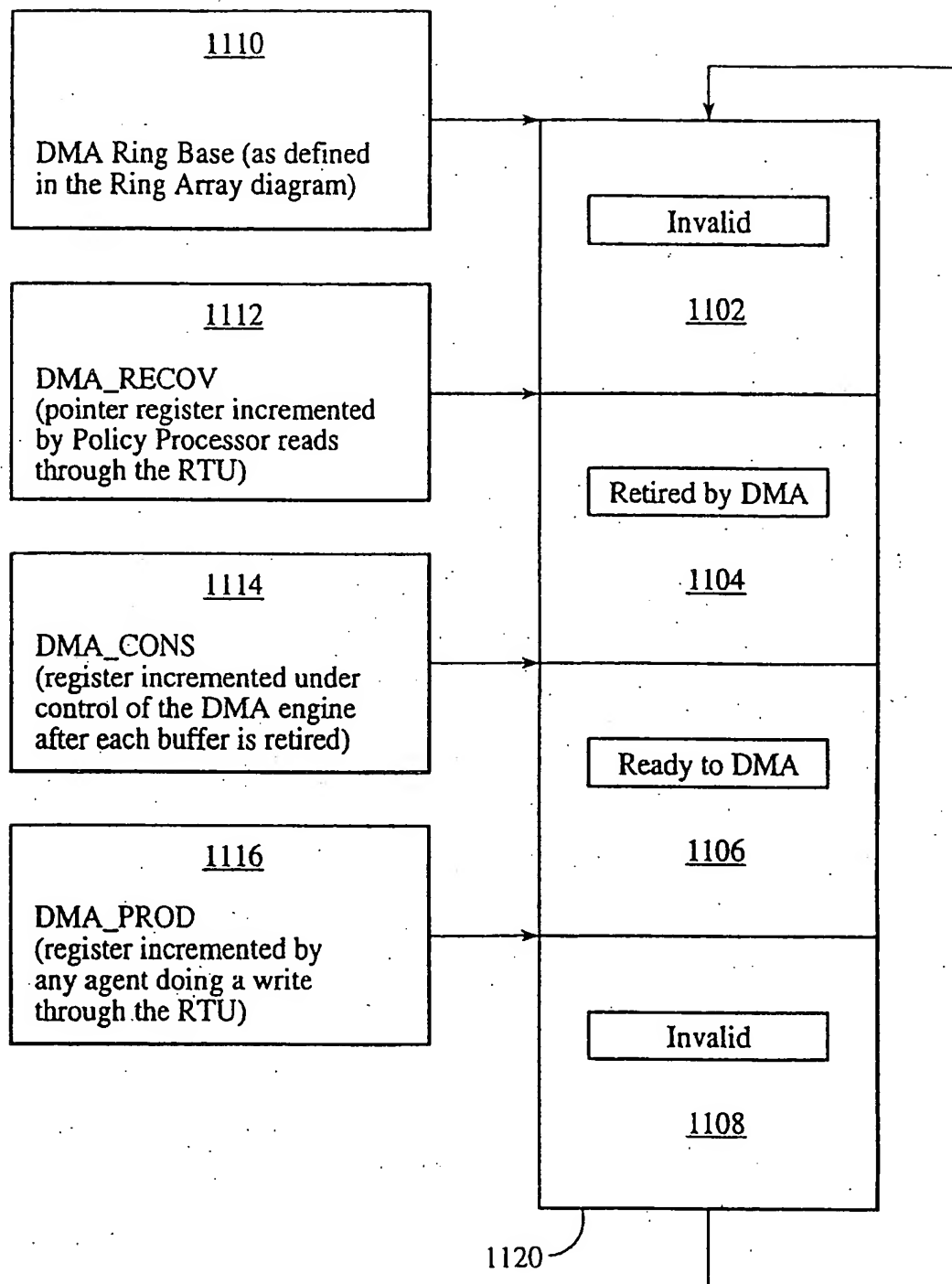
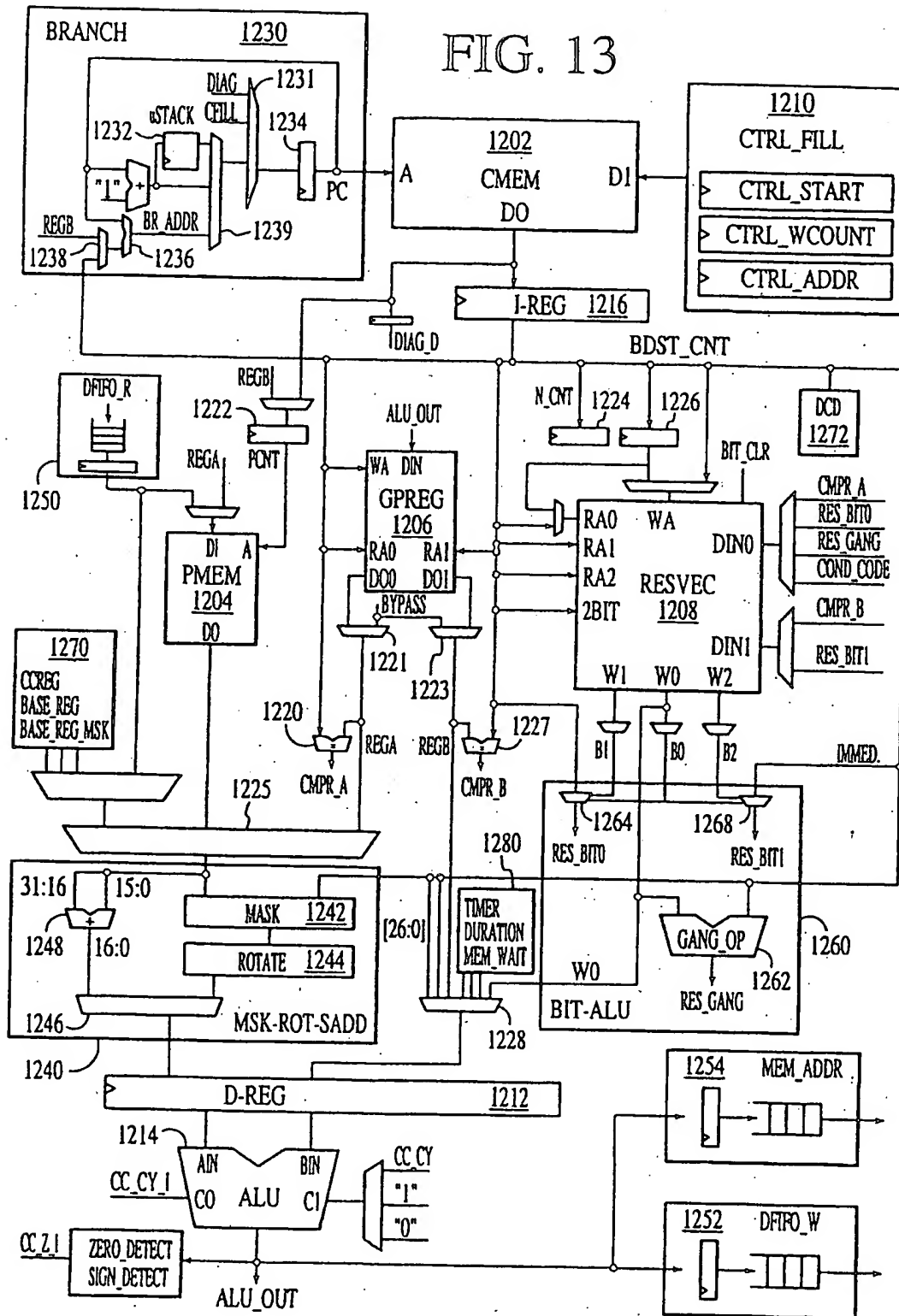


FIG. 12

FIG. 13



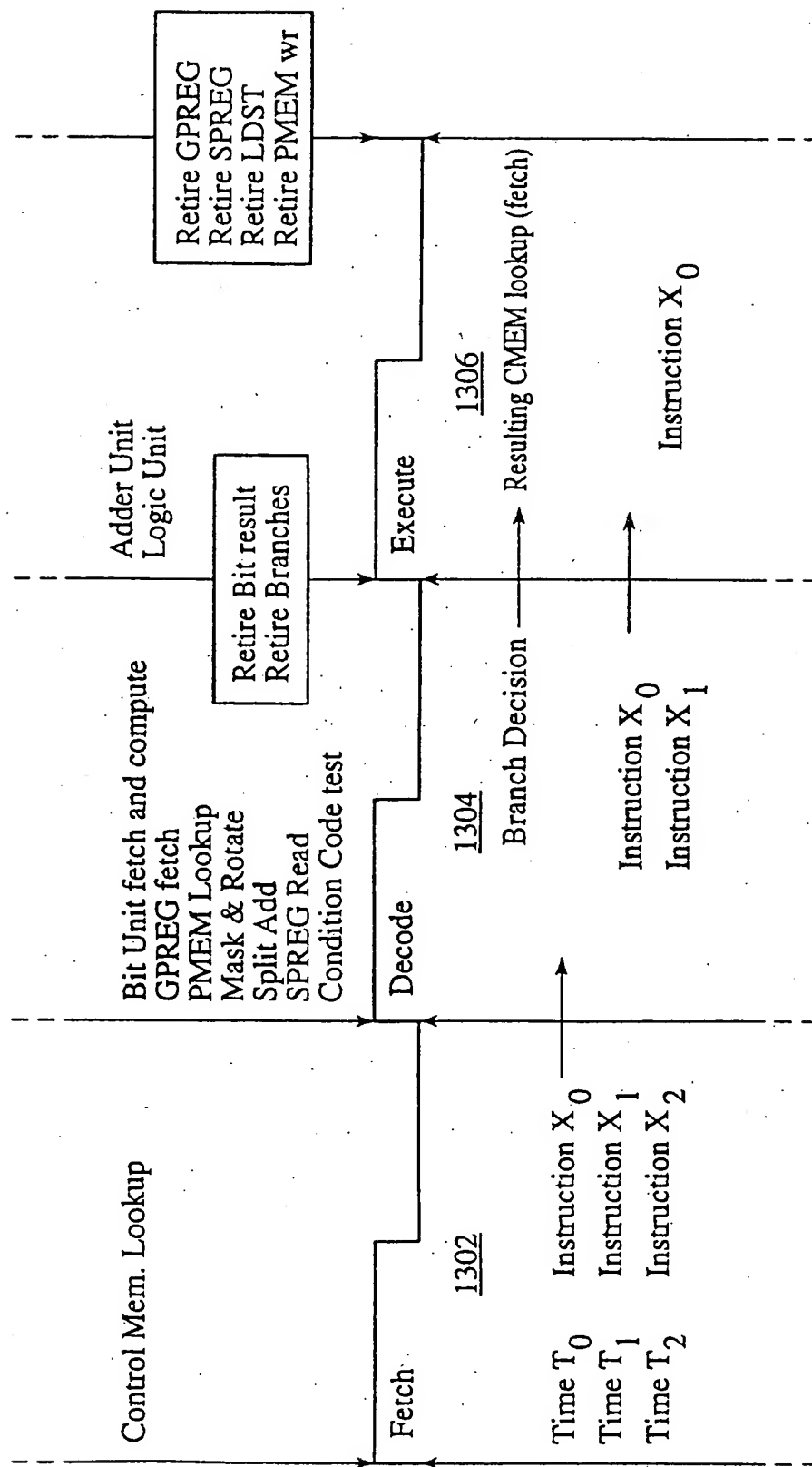


FIG. 14

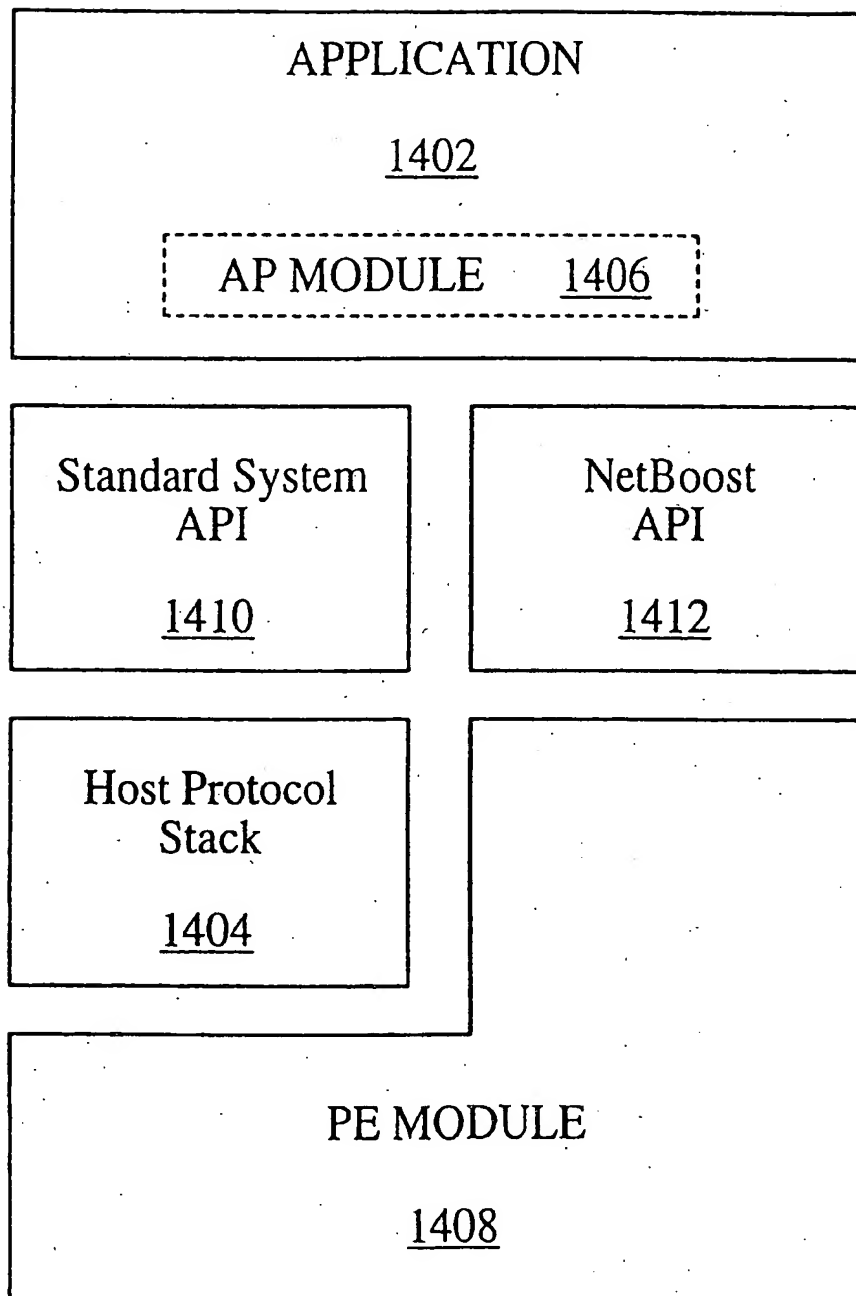


FIG. 15

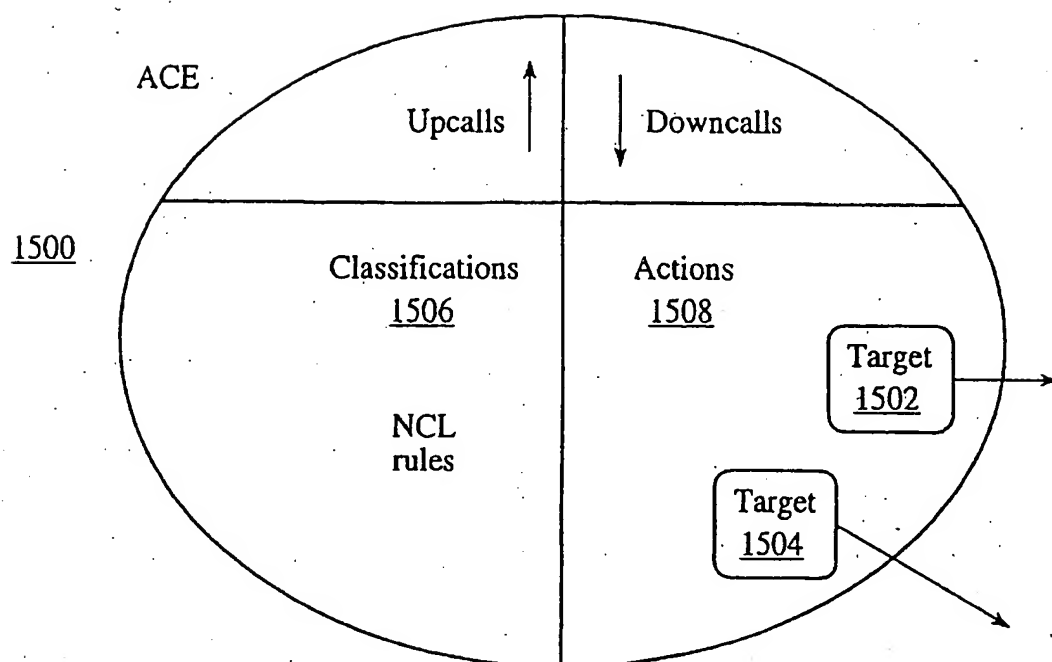


FIG. 16



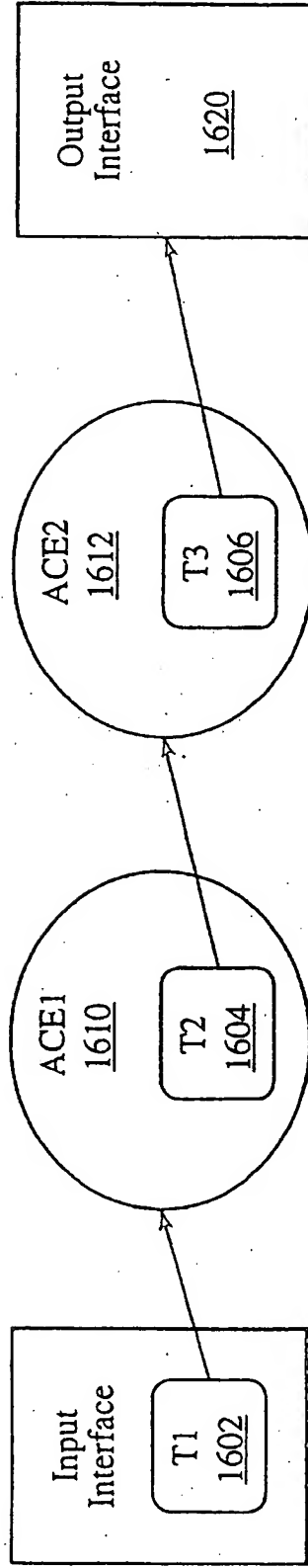


FIG. 17

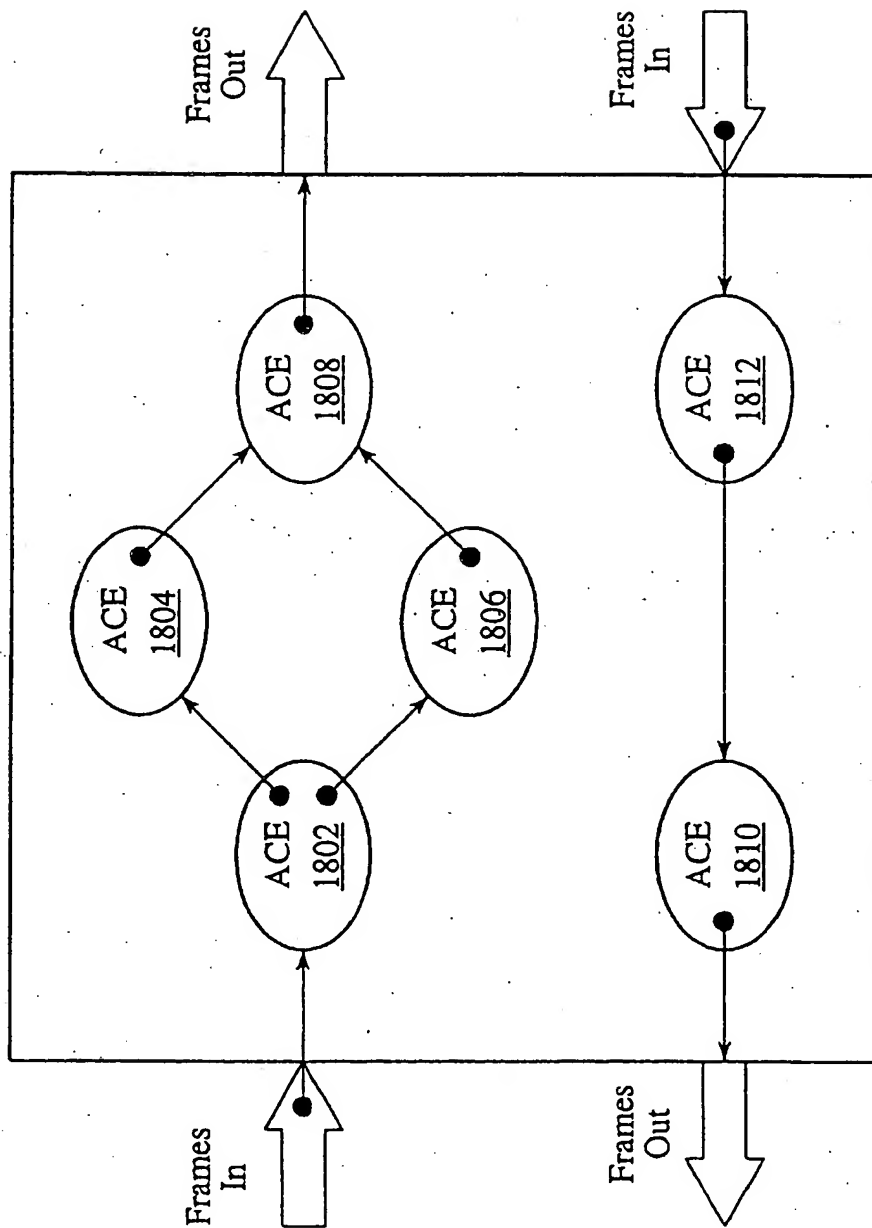


FIG. 18

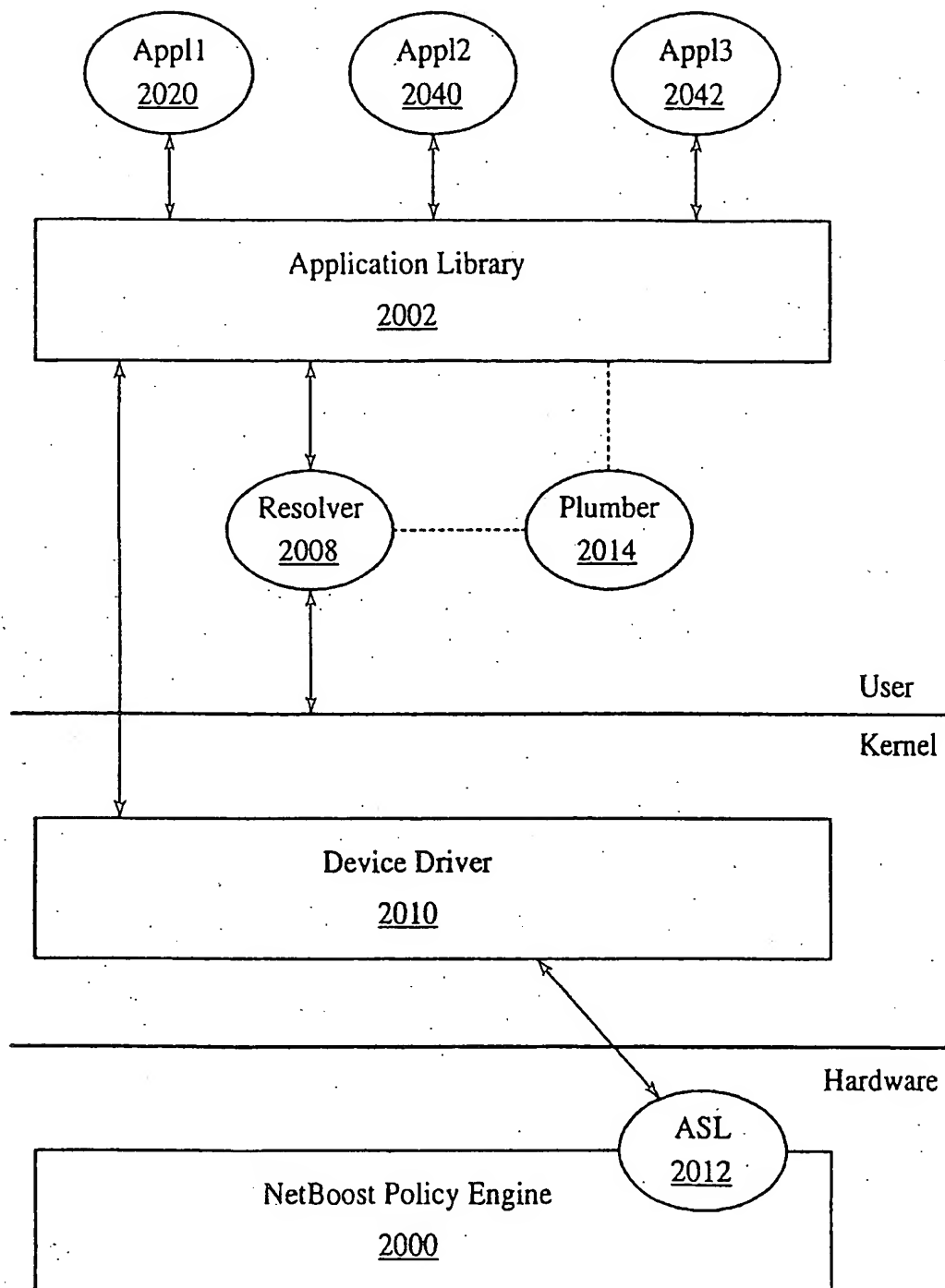


FIG. 19